

The Knowledge Bank at The Ohio State University
Ohio State Engineer

Title: Back Matter

Issue Date: 1940-03

Publisher: Ohio State University, College of Engineering

Citation: Ohio State Engineer, vol. 23, no. 4 (March, 1940).

URI: <http://hdl.handle.net/1811/35692>

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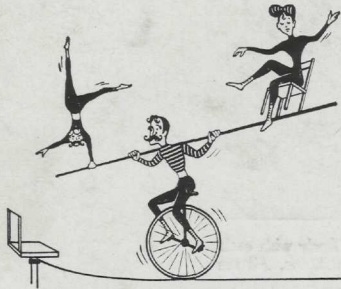
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G-E Campus News



SIMPLIFIED BALANCING

HOW about balancing a 50-ton generator rotor turning at 3600 rpm? No, not on the end of your chin or anything like that, but balancing it until its vibration is less than three ten-thousandths of an inch—or one-tenth the diameter of a human hair! Not so easy, you say? Well, a little while ago you would have been right, for the balancing of a large rotating machine was a long-drawn-out procedure, perhaps requiring the removal of the rotor from the machine.

But today there is a G-E portable instrument that does the job simply, quickly, and under actual operating conditions. A 20,000-kva synchronous condenser, for example, can sometimes be balanced in as few as three runs—a far cry from the 100 to 170 trials which were frequently necessary before.



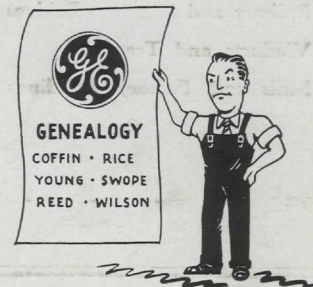
WEATHER MAKERS

CALIFORNIA'S weather has always been a source of pride to the natives, but, when it comes to actually making the weather conditions you want, the G-E engineers at the West Lynn Works are in a class by themselves.

These engineers produce temperatures ranging from 40 below zero F to 160 above and a humidity of 100 per cent if so desired. But they really aren't trying to compete with Cali-

fornia. The excuse for all this weather-making is the testing of watt-hour meters. For G-E engineers want to be sure the meters are capable of accurately recording the amount of electric energy consumed under varying conditions of temperature and humidity.

To insure this, the meters are tested at temperatures more extreme than they would ever normally encounter and in atmospheres saturated with moisture. Such tests, made by young college-trained engineers, assure reliability.



THIRD GENERATION

GENERAL Electric became a proud grandfather this year, when Charles E. Wilson became president and Philip D. Reed chairman of the board of directors—the third generation of G-E leaders. They will carry on as “captain” and “navigator” of General Electric in place of Gerard Swope and Owen D. Young, who held these positions from 1922 until their retirement at the first of this year.

Mr. Young and Mr. Swope leave behind them a brilliant record of achievement. Under their leadership General Electric fostered a great new branch of the electrical industry—the manufacture of appliances which eliminate the drudgery of housework and create comforts and conveniences for the home.

Through their efforts General Electric's many employee plans were achieved—old-age pensions and group life insurance, a wage-adjustment plan to meet increases in the cost of living, vacations with pay, an employee savings plan and many others—ample evidence that these executives were many years ahead of their time in vision and consideration for the welfare of their employees.

GENERAL ELECTRIC